Proposal Full View

Print

Applicant Information

Organization Name	San Francisco Public Utilities Commission *
Tax ID	**946000417**
Proposal Name	San Francisco Stormwater & Flood Management Priority Projects *
Proposal Objective	This proposal will achieve several key goals and objectives. Goals: (1) Protect public health and safety from flooding; (2) Protect and enhance water quality in the San Francisco Bay; (3) Provide a compliant, reliable, resilient and flexible system that can respond to catastrophic events. Objectives: A) Reduce risk of flood damages to homes, businesses, schools; B) Provide multiple benefits through project implementation by appropriately integrating recreational and streetscape enhancement features; C) Improve reliability and performance of the combined sewer system to manage wet weather flows; D) Meet immediate water quality needs related to combined sewer systems by reducing the volume of combined sewer discharges and increasing the amount of flows receiving secondary treatment before being discharged to San Francisco Bay; E) Engage public agencies, businesses and the public in stormwater pollution prevention through the implementation of projects included in basin-wide planning documents such as the Wastewater Enterprise Capital Improvement Program (WWE CIP) and Streetscape Improvement Plans; F) Enhance agency effectiveness by coordinating resources and implementing planned improvements between City agencies; G) Advance the regional goals and objectives established in the Bay Area IRWM Plan for San Francisco Bay Area region. *

Budget

Other Contribution	$0.00
Local Contribution	$62,251,000.00
Federal Contribution	$0.00
Inkind Contribution	$0.00
Amount Requested	$24,147,000.00 *
Total Project Cost	$86,398,000.00 *

Geographic Information

Latitude *	DD(+/-)	37	MM	55	SS	13
Longitude *	DD(+/-)	-122	MM	11	SS	12

Longitude/Latitude Clarification	Location
County	Sonoma,Napa,Solano,Contra Costa,Alameda,Santa Clara,San Mateo,San Francisco,Marin *
Ground Water Basin	Arroyo Del Hambre Valley,Castro Valley,Clayton Valley,Downtown,Half Moon Bay Terrace,Islais Valley,Kenwood Valley,Livermore Valley,Lobos,Marina,Napa-Sonoma Valley-Napa Valley,Napa-Sonoma Valley-Sonoma Lowlands,Napa-Sonoma Valley-Sonoma Valley,Novato Valley,Pescadero Valley,Petaluma Valley,Pittsburg Plain,Ross Valley,San Gregorio Valley,San Mateo Valley,San Pedro Valley,San Ramon Valley,Sand Point Area,Santa Clara Valley-East Bay Plain,Santa Clara Valley-Niles Cone,Santa Clara Valley-Santa Clara,South San Francisco,Suisun-Fairfield Valley,Sunol Valley,Visitacion Valley,Westside,Ygnacio Valley
Hydrologic Region	San Francisco Bay
Watershed	San Francisco Bay

Legislative Information

Assembly District	6th Assembly District,7th Assembly District,8th Assembly District,11th Assembly District,13th Assembly District,15th Assembly District,18th Assembly District,21st Assembly District,24th Assembly District *
Senate District	2nd Senate District,3rd Senate District,5th Senate District,7th Senate District,9th Senate District,10th Senate District,11th Senate District *
US Congressional District	District 1 (CA),District 6 (CA),District 7 (CA),District 8 (CA),District 9 (CA),District 10 (CA),District 12 (CA),District 13 (CA),District 14 (CA),District 16 (CA) *

Project Information

Project Benefits Information

Project Name: Sunnydale Flood and Stormwater Sewer Impro

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	31	Minimization of flooding through increased conveyance and storage of stormwater flows in the combined sewer.

Primary	Stormwater Flood-Water Quality Improvement	9	Reduction in the volume of combined sewer discharges to the Bay by 3 MG will enable more combined flows to be passed through full secondary treatment at the SEWPCP which will provide more effective removal of pollutants such as mercury, PCBs and dioxin and protect the water quality of the Bay.
Secondary	Other-General Public Recreation	0	Reduction in the volume of combined sewer discharges to the Bay by 3 MG achieved by the project will reduce the volume of flows that is discharged to the Bay via the Sunnydale discharge location with only wet-weather primary level of treatment, therefore protecting water quality in nearby coastal recreation areas including Candlestick Point State Recreation Area and surrounding beaches that are used for water contact recreation activities such as windsurfing.
Tertiary	Fisheries	0	Reduction of primary level treated combined sewer discharge volumes to the Bay will help protect Bay water quality and habitat, and provide associated benefits to recreational fisheries – particularly in nearby fishing and shellfish collection areas.
Tertiary	Water Quality: Constituents -- Mercury	0	Reduction in the volume of combined sewer discharges to the Bay by 3 MG achieved by the project will enable more combined flows to be passed through full secondary treatment at the Southeast Water Pollution Control Plant (SEWPCP), which will reduce mercury concentrations in the discharged effluent.

Budget

Other Contribution	0
Local Contribution	48975000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	11100000
Total Project Cost	60075000

Geographic Information

Latitude DD(+/-)	37	MM	42	SS	31
Longitude DD(+/-)	-122	MM	24	SS	5
Longitude/Latitude Clarification				Location	

County	San Francisco
Ground Water Basin	Visitacion Valley
Hydrologic Region	San Francisco Bay
WaterShed	San Francisco Bay

Legislative Information

Assembly District	12th Assembly District
Senate District	8th Senate District
US Congressional District	District 8 (CA)

Project Information

Project Benefits Information

Project Name: Cesar Chavez Flood and Stormwater Sewer Im

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	10	Minimization of flooding through increased conveyance and reduction of stormwater flows into the combined sewer.

Primary	Stormwater Flood-Water Quality Improvement	2.60	Reduction of stormwater runoff in the project contributing area by approximately 90%, amounting to 2.6 acre feet per year, which provides a pollutant loading reduction benefit to the Bay through the decreased volume of stormwater discharge to the combined sewer system.
Secondary	Urban Greening	0	Enhancement of aesthetics and street greening through a variety of green stormwater infrastructure features along Valencia Street.
Secondary	Other-General Public Recreation	0	Reduction of pollutant loading from avoided stormwater discharge will protect water quality of the Bay and beneficial uses in Islais Creek Landing, such as kayaking and other nearshore water contact recreation activities.
Tertiary	Fisheries	0	Reduction of mercury and other pollutant loads to the Bay through avoided stormwater discharge will help protect Bay water quality and habitat, and recreational fisheries.
Tertiary	Water Quality: Constituents -- Mercury	0	Reduction of stormwater discharge into the combined sewer which reduces the amount of mercury loading to the Bay.

Budget

Other Contribution	0
Local Contribution	13276000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	13047000
Total Project Cost	26323000

Geographic Information

Latitude DD(+/-)	37	MM	44	SS	54
Longitude DD(+/-)	-122	MM	24	SS	49
Longitude/Latitude Clarification			Location		

County	San Francisco
Ground Water Basin	Islais Valley
Hydrologic Region	San Francisco Bay
WaterShed	San Francisco Bay

Legislative Information

Assembly District	13th Assembly District
Senate District	3rd Senate District
US Congressional District	District 8 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types.

The San Francisco Public Utilities Commission (SFPUC) has identified two high priority projects for implementation to manage stormwater runoff to reduce flood damages, and to meet immediate water quality needs related to combined sewer systems by reducing the volume of combined sewer discharges and increasing the amount of flows receiving secondary treatment before being discharged to San Francisco Bay. The projects are as follows: (1) Sunnydale Flood and Stormwater Management Sewer Improvement Project (2) Cesar Chavez Flood and Stormwater Management Sewer Improvement Project. Each of these projects yields multiple benefits, including: A) Reduced risk of flooding and flood damages; B) Improved stormwater management; C) Increased public health and safety protection; D) Improved water quality and NPS pollution control; E) Improved system reliability; and F) Improved public access. The Sunnydale project involves the construction of new and replacement sewer facilities in the Sunnydale/Visitacion Valley neighborhood to improve the system???s ability to contain and control substantial rainfall events. A new sewer tunnel to convey wet weather flows from the Sunnydale Avenue/Talbert Street area to the Sunnydale T/S structure is planned for construction, and new sewer pipelines and replacement of existing pipelines upstream of the new tunnel to reduce flooding in upstream areas. The Cesar Chavez project includes construction of a new auxiliary sewer beneath Cesar Chavez Street, west of US-101 and rehabilitation of adjacent existing sewer pipelines. The new auxiliary sewer would augment the existing sewer???s collection and transport of stormwater, and the existing sewer would be retained and rehabilitated. Once improvements to the sewer system are completed, a number of streetscape improvements are proposed for implementation along Valencia Street, between Mission Street and Cesar Chavez. These streetscape improvements will include low impact design (LID) stormwater management features.

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Tommy Moala, AGM Wastewater Enterprise, San Francisco Public Utilities Commission (SFPUC), 1155 Market St, 11th Floor, San Francisco, CA 94106, tmoala@sfwater.org, (415)554-2465.

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Anna M. Roche, Regional Environmental Manager, Bureau of Environmental Management, San Francisco Public Utilities Commission (SFPUC), 1145 Market Street, 5th Floor, San Francisco, California 94103, aroche@sfwater.org, (415)551-4560.

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

San Francisco Public Utilities Commission, Wastewater Enterprise, 1155 Market St, 11th Floor, San Francisco, CA 94106. Person filling out the online application: Joanne Siew, RMC Water and Environment, 222 Sutter Street, Suite 700, San Francisco, CA 94108, jsiew@rmcwater.com, (415)321-3413.

Q5. ADDITIONAL INFORMATION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

San Francisco Bay Funding Area

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD (S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.
http://www.waterboards.ca.gov/waterboards_map.shtml

San Francisco Bay Regional Water Quality Control Board (Region 2)

Q7. ELIGIBILITY

Is the application from an IRWM planning region approved in the RAP (See Section II B, Table 1)? If yes, include the name of the IRWM planning region. If not, explain.

Yes. The application is from the San Francisco Bay Area IRWM Region.

Q8. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

Yes, the San Francisco Public Utilities Commission (SFPUC) is a department of the City and County of San Francisco that provides water, wastewater, and municipal power services to San Francisco. SFPUC is a local public agency governed by a Board of Commissioners that are nominated by the Mayor of San Francisco and approved by the Board of Supervisors.

Q9. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q10 and Q11.

The San Francisco Public Utilities Commission (SFPUC) is an urban water supplier that will receive funding from the proposed grant. There are no partner agencies in this grant application.

Q10. ELIGIBILITY

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q9, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Yes, SFPUC has submitted a complete 2005 Urban Water Management Plan (UWMP) to DWR. The Plan has been verified as complete by DWR. SFPUC will adopt an updated 2010 UWMP on June 14, 2011 and will be able to submit the 2010 UWMP, consistent with the 2010 UWMP Guidebook, to DWR before the execution of the grant agreement.

Q11. ELIGIBILITY

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

Yes. SFPUC recently submitted AB1420 compliance tables and supporting documentation to DWR for the Proposition 84 Round 1 Implementation Grant Application.

Q12.
ELIGIBILITY

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project (s) and list the agency(ies) that will implement the project(s).

No, the Proposal does not include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts.

Q13.
ELIGIBILITY

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section III.B of the Grant Guidelines?

Not Applicable.

Q14:
ELIGIBILITY

Does the applicant have a Stormwater Resources Plan developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the Water Code, or an IRWM Plan that includes the Stormwater Resources Plan requirements specified in Section 10562 of the Water Code? Please answer yes or no. If yes, please answer Question 15 or 16, as applicable.

a) Yes
b) No

Q15:
ELIGIBILITY

For applicants with a Stormwater Resources Plan, does that Plan meet the standards set forth in Part 2.3 of Division 6 of the CWC? If yes, provide attachment 13.

a) Yes
b) No

Q16:
ELIGIBILITY

For applicants with an IRWM Plan, does that Plan include the Stormwater Resources Plan requirements specified in Section 10562 of the CWC? If yes, provide attachment 13.

a) Yes
b) No

NOTES TO BMS ADMINISTRATOR

Provide notes about any potential problems you may have had with BMS that are particular to your application.

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1_SWF_Eligible_1of1.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here. **Upload additional Authorization and Eligibility documentation here.**

Upload additional Authorization and Eligibility documentation here.

ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL ADOPTION

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att2_SWF_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here. **Upload additional Proof of Formal Adoption documentation here.**

Upload additional Proof of Formal Adoption documentation here. **Upload additional Proof of Formal Adoption documentation here.**

ATTACHMENT 3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att3_SWF_WorkPlan_1of1.pdf

Upload additional work plan components here.

Upload additional work plan components here. **Upload additional work plan components here.**

Upload additional work plan components here.

ATTACHMENT 4: BUDGET

Upload the Budget here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att4_SWF_Budget_1of1.pdf

Upload additional budget components here. **Upload additional budget components here.**

Upload additional budget components here. **Upload additional budget components here.**

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att5_SWF_Schedule_1of1.pdf

Upload additional schedule components here.

Upload additional schedule components here. **Upload additional schedule components here.**

Upload additional schedule components here.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att6_SWF_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here. **Upload additional Monitoring, Assessment, and Performance Measures here.**

Upload additional Monitoring, Assessment, and Performance Measures here. **Upload additional Monitoring, Assessment, and Performance Measures here.**

ATTACHMENT 7: ECONOMIC ANALYSIS - FLOOD DAMAGE REDUCTION COSTS AND BENEFITS

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att7_SWF_DReduc_1of1.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here. **Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.**

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

ATTACHMENT 8: ECONOMIC ANALYSIS - WATER SUPPLY COSTS AND BENEFITS

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att8_SWF_WSBen_1of1.pdf

Upload additional - Water Supply Costs and Benefits documentation here. **Upload additional - Water Supply Costs and Benefits documentation here.**

Upload additional - Water Supply Costs and Benefits documentation here. **Upload additional - Water Supply Costs and Benefits documentation here.**

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

ATTACHMENT 9: WATER QUALITY AND OTHER EXPECTED BENEFITS

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att9_SWF_WQOtherBen_1of1.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

ATTACHMENT 10: COSTS AND BENEFITS SUMMARY

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att10_SWF_CBSummary_1of1.pdf

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

ATTACHMENT 11: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att11_SWF_Preference_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

ATTACHMENT 12: AB1420 AND WATER METER COMPLIANCE INFORMATION

Upload AB1420 and Water Meter Compliance Information here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att12_AB1420_1of1.pdf

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

ATTACHMENT 13: STORMWATER RESOURCES PLAN

This attachment is only necessary if the applicant has an existing Stormwater Resources Plan, pursuant (commencing with Section 10560) of Division 6 of the Water Code and answered "yes" to Q15 or Q16.

The summary text must be no more than 5 pages in length using a minimum of 10-point type font. Excerpts from the Plan must not exceed 15 pages.

Attachment 13 must provide the following:

Identify and include portions of the applicable Plan that demonstrate all of the standards of Part 2.3 (commencing with Section 10560) of Division 6 of the CWC.

Last Uploaded Attachments: Att13_SWF_Strmrespln_1of1.pdf

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.